

NAC Webinar Survey/Polling Questions

1. My facility changed operations due to COVID-19 as follows: (select all that apply)
 - Laboratory stopped work
 - Limited staff onsite
 - Changes to cleaning/decontamination practices
 - Changes to PPE
 - Other
 - None

2. My facility has: (select all that apply)
 - PV infectious materials
 - PV potentially infectious materials (PIM) [e.g., fecal, respiratory, environmental specimens]
 - Nucleic acids extracted from the materials listed above
 - nOPV2
 - S19
 - No PV relevant materials right now but future work is planned
 - Unsure

3. Has your facility submitted any of the following types of surveys? (Select all that apply)
 - Institution-level (single survey for all labs, facility wide)
 - Campus-level (individual surveys for each/all of the facility's sites)
 - Campus-level (individual surveys for only some of the facility's sites)
 - Department level (all labs within my department)
 - Laboratory-level (each lab submitted their own survey)
 - Unsure

4. How likely is it that your facility can coordinate a full institution-level survey? (Select one)
 - Very likely - Not challenging at all
 - Somewhat likely - It would take some time, but we could do it
 - Unlikely - Too difficult to achieve/We don't have the resources
 - Unsure

5. How do you use your collection of PIM samples? (check all that apply)
 - Retrospective studies
 - Discovery of new viruses
 - Assay development
 - Reference collection
 - Environmental surveillance
 - Storage only
 - Other
 - We do not have PIM

6. The WHO risk level for our work with PIM is: (if have multiple PIM types/procedures, select highest level)
 - High (WPV/VDPV PIM)
 - Moderate (e.g., OPV/Sabin PIM - fecal sample inoculation in PV-permissive cells)
 - Low (e.g., OPV/Sabin PIM - respiratory sample inoculation in PV-permissive cells)

- Lowest (e.g., OPV/Sabin PIM - extracted nucleic acids used in PCR)
- Storage only
- Unsure
- We do not have PIM

7. My facility considers the risks associated with our PIM work as: (if have multiple PIM types/procedures, select highest level)

- High
- Moderate
- Low
- Lowest
- Storage only
- Unsure
- We do not have PIM

8. I feel the WHO risk level classification for PIM is appropriate.

- Strongly agree
- Agree
- Neither agree or disagree
- Disagree
- Strongly disagree

9. The appropriate laboratory containment practices for **wild or vaccine derived PIM** should be: (select best answer)

- GAPIII containment
- Same as WHO OPV/Sabin PIM guidance
- BSL-3 standards (BMBL)
- BSL-2 standards (BMBL)
- Combination of practices
- Unsure

10. My PIM collection has important scientific value and serves a critical national or international function.

- Strongly agree
- Agree
- Neither agree or disagree
- Disagree
- Strongly disagree
- We do not have PIM

11. Destroying or extracting nucleic acids from PIM will not permit our facility to perform critical studies including:

Text box - 200 words maximum

12. The recommended modifications to nucleic acid extraction methods: (select all that apply)

- Will allow us to inactivate our entire PIM collection

- Will allow us to inactivate some PIM samples
- Require internal validation for our testing protocols
- Require coordination with collaborators if we make these changes
- Not applicable to our work
- Unsure

13. Which of the following proposed policies is the highest priority for your facility?

- Incident response
- Occupational health (immunizations)
- PIM Guidance for U.S. facilities
- Unsure

14. How do you share PV materials with collaborators? (select all that apply)

- Intra-facility with other labs
- Domestic collaborators
- International collaborators
- We do not share our collection

15. Once containment is required, my facility plans to:

- Complete work
- Continue work (seek ICC/CC)
- Undecided

16. My facility has the following enhanced physical lab features for PV materials: (select all that apply)

- Anteroom/Airlock
- Inward directional airflow
- Exit shower
- Pass-through autoclave
- Effluent decontamination system
- Sealable for gaseous decontamination
- None of the above

17. Occupational health requirements for working with poliovirus materials at my facility include: (select all that apply)

- Verification of childhood PV immunization records
- Adult IPV booster
- IPV booster every 3 years
- Baseline PV serum neutralizing antibody titers $\geq 1:8$
- Annual PV serum neutralizing antibody titers $\geq 1:8$
- None of the above
- Unsure

18. Security controls for poliovirus materials at my facility include: (select all that apply)

- Locked freezers
- Limited access to laboratory or storage areas
- Biosecurity training
- Personnel reliability program
- None of the above

- Unsure

19. What does 10% bleach mean in free chlorine parts per million (ppm)?

- 52,500 ppm
- 25,000 ppm
- 10,000 ppm
- 5,250 ppm
- 2,500 ppm
- Unsure

20. NAC recommends using at least _____ free chlorine parts per million (ppm) for PV decontamination.

- 52,500 ppm
- 25,000 ppm
- 10,000 ppm
- 5,250 ppm
- 2,500 ppm
- Unsure

21. My facility conducts studies with PV materials in: (select all that apply)

- PVR transgenic mice
- Non-human primates
- Other animal model
- We do not use animals with PV materials

22. Standard PPE practices used in my facility for PV materials include: (select all that apply)

- Safety glasses
- Face shield
- Double gloves
- Face or surgical mask
- Respirator/N95
- Flat front gown
- Coverall
- Shoe covers/dedicated shoes
- Clothing change
- Showering out

23. For PPE selected above, identify the manufacturer and product/catalog number.

24.

I prefer alternative options rather than a mandatory exit

shower (e.g., more PPE, add decon steps during doffing).

- Strongly agree
- Agree
- Neither agree or disagree
- Disagree

- Strongly disagree

25. For PV materials, my facility uses surgical/isolation gowns or coveralls meeting standards for:

- Fluid resistance (e.g., level 1, 2, or 3)
- Viral penetration resistance (e.g., level 4)
- Testing standards are not currently considered for PPE
- Unsure
- Not applicable – gowns/coveralls are not worn

26. For PV materials, my facility uses tape to seal/secure gloves to sleeves of PPE.

- Yes
- No

27. For PV materials, my facility disinfects disposable PPE (e.g., gowns, coveralls) prior to reuse with:

- Chlorine (e.g., bleach)
- Alcohol (e.g., ethanol)
- Oxidizing agents (e.g., Oxivir, Virkon-S)
- Quaternary ammonium (e.g., Roccal, Clorox or Lysol wipes)
- Other
- Unsure
- We do not reuse disposable PPE